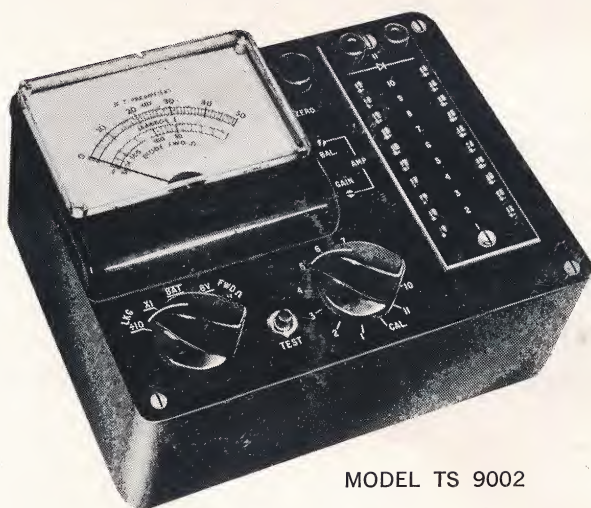


Reo division / *excellence in engineering*

component tester



MODEL TS 9002

- INSERT ANY SEMICONDUCTOR DIODE OR INSERT 10 DIODES
- SET SWITCHES
- READ DIRECTLY ALL DC PARAMETERS OR SELECT 10 MATCHING DIODES
- MATCHING RESISTORS
- MEASURING LEAKAGE CURRENT OF SMALL ELECTROLYTIC AND TANTALYTIC CAPACITORS.
- RECEIVING INSPECTION

DESCRIPTION:

REO'S Component Tester Model 9002 has been designed to provide a fast convenient method of testing the DC parameters of semiconductor diodes. It also provides a very fast accurate method for selecting matched diodes. An amplifier has been provided to extend the capability of measuring leakage current to 0.1 microamperes. In the forward direction the diode tests can be conducted at either of two (10 or 50 milliamperes) preselected bias current conditions. Beryllium copper universal diode holders provide a four point wiping contact that will not deteriorate with usage or mar the leads of test specimens. A remote connection has also been provided to render the Tester useful for monitoring specimens undergoing environmental testing or for testing specimens not accommodated by the quick snap connectors.

See reverse side for specifications

RESEARCH/ELECTRONICS/OCEANOGRAPHY

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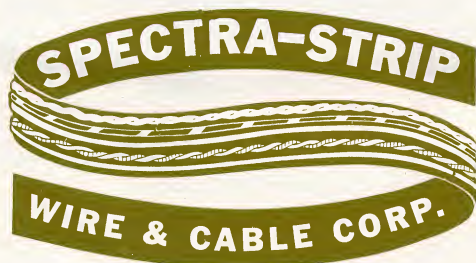
SPECIFICATIONS:

MODEL TS 9002

- Accuracy: ± 3 percent on current leakage scales.
- Leakage Current: In microamperes with 4 volts applied.
- Forward 0.8v position: A regulated 0.8 volt is applied across the diodes. The series resistance is so adjusted that if a diode exhibits zero resistance, 10 milliamperes will flow.
- Forward 4v position: The full battery voltage of 4 volts is applied across the diodes. The series resistance is so adjusted that if a diode exhibits zero resistance, 50 milliamperes will flow.
- Remote Connection: All readings taken from the remote connection are the same as those taken on the meter.
- Overall Dimensions: 6 $\frac{7}{8}$ " wide x 5 $\frac{5}{8}$ " long x 3" high.

Special production assemblies will be quoted on request. All REO standard products may be modified to meet specific customer requirements. Proposals and quotations will be submitted on request.

Specifications and prices are subject to change without notice.



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